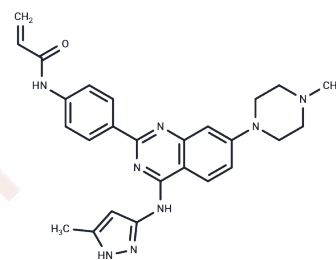


## Aurora Kinases-IN-4

## Chemical Properties

CAS No. :	2877011-84-0
Formula:	C <sub>26</sub> H <sub>28</sub> N <sub>8</sub> O
Molecular Weight:	468.55
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Aurora Kinases-IN-4 (Compound 11c) is a covalent, ATP-competitive inhibitor of aurora kinase A with an IC <sub>50</sub> value of 1.7 nM. It inhibits cell proliferation in SJSA-1, MDA-MB-231, A549, and HeLa cell lines with IC <sub>50</sub> values of 4.27, 1.54, 3.08, and 6.99 μM, respectively. This compound is applicable in research concerning triple-negative breast cancer (TNBC) [1].
Targets(IC <sub>50</sub> )	Aurora Kinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1342 mL	10.6712 mL	21.3424 mL
5 mM	0.4268 mL	2.1342 mL	4.2685 mL
10 mM	0.2134 mL	1.0671 mL	2.1342 mL
50 mM	0.0427 mL	0.2134 mL	0.4268 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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